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|   |                               |                                   |
|---|-------------------------------|-----------------------------------|
| <b>DECLARATION FOR UTILITY OR<br/>DESIGN<br/>PATENT APPLICATION<br/>(37 CFR 1.63)</b><br><br><input checked="" type="checkbox"/> Declaration<br>Submitted<br>with Initial<br>Filing<br><br>OR<br><br><input type="checkbox"/> Declaration<br>Submitted after Initial<br>Filing (surcharge<br>(37 CFR 1.16 (e))<br>required) | <b>Attorney Docket Number</b> |                                   |
|   | <b>First Named Inventor</b>   | <b>Boris<br/>Konstantinovskiy</b> |
|   | <b>COMPLETE IF KNOWN</b>      |                                   |
|   | <b>Application Number</b>     | /                                 |
|   | <b>Filing Date</b>            | <b>11/08/03</b>                   |
|   | <b>Art Unit</b>               | <b>Wave's Power-Station</b>       |
|   | <b>Examiner Name</b>          |                                   |

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Wave's Power-Station.**

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application<br>Number(s) | Country | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed  | Certified Copy Attached? |                          |
|--|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
|  |         |                                     |                          | YES                      | NO                       |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number  OR ☒ Correspondence address below

Name **Boris KONstantinovskiy**

Address **125 Beach 19 St. Apt. 5J**

City **Far Rockaway**

State **NY**

ZIP **11691**

Country **USA**

Telephone **(718) 471-9577**

Fax **(718) 471-9577**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☒ A petition has been filed for this unsigned inventor

Given Name **Boris Davidovich**  
 (first and middle (if any))

Family Name **Konstantinovskiy**  
 or Surname

Inventor's  
Signature

**Boris Konstantinovskiy**

Date **11/08/03**

Residence: City **Far Rockaway**

State **NY**

Country **USA**

Citizenship **USA**

Mailing Address **125 Beach 19 St. Apt. 5J**

City **Far Rockaway**

State **NY**

ZIP **11691**

Country **USA**

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name **Tatyana Borisovna**  
 (first and middle (if any))

Family Name **Konstantinovskaya**  
 or Surname

Inventor's  
Signature

**Tatyana Konstantinovskaya**

Date **11/08/03**

Residence: City **Far Rockaway**

State **NY**

Country **11691**

Citizenship **USA**

Mailing Address **125 Beach 19 St. Apt. 5J**

City **Far Rockaway**

State **NY**

ZIP **11691**

Country **USA**

☐ Additional inventors are being named on the \_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

IN the UNITED STATES PATENT and TRADEMARK OFFICE

First/sole Applicant: Boris Konstantinovskiy

Joint/Second Applicant: Tatyana Konstantinovskaya

Title: " Wave's Power-Station".

SMALL ENTITY DECLARATION-INDEPENDENT INVENTORS.

As a below-named inventors, We hereby declare that We quality as an independent inventors as defined in 37CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35 United States Code, to the Patent and Trademark Office with regard to our above-identified invention described in the specification filed herewith. We have not assigned, granted, conveyed, or licensed- and are under no obligation under any contract or law to assign, grant, convey, or license-any rights in the invention to either (a) any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention or (b) any concern which would not quality as either (i) a small business concern under 37 CFR 1.9(d) or (ii) a nonprofit organization under 37 CFR 1.9 (e).

Each person, concern, or organization to which we have assigned, granted, conveyed, or licensed-or are under an obligation under contract or law to assign, grant, convey, or license-any rights in the invention is listed below:

There is no such person, concern, or organization.

(to be continued on next page)

## Small Entity Declaration-Indepent Inventors

(Continue)

We acknowledge a duty to file, in the above application for patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after date on which status as a small entity is no longer appropriate (37 CFR 1.28 (b)).

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Boris Konstantinovskiy

Signature of Sole/First Inventor

Tatyana Konstantinovskaya

Signature of Joint Second Inventor

Boris KONstantinovskiy

Tatyana Konstantinovskaya

11/08/03

Date of Signature

11/08/03

Date of Signature

In the United States Patent and Trademark Office

Appn. Number \_\_\_\_\_

Filing Date: 2003 November 08

Applicants: Konstantinovskiy, Boris

Konstantinovskaya, Tatyana

Appn. Title: Wave's Power-Station

Examiner \_\_\_\_\_

Mailed 2003 November

At New York

Declaration in Support of Accompanying Petition  
to Make Special

Reason IV- Applicant age is 65 or Greater

Reason VI- Energy Savings Will Result

In support of the accompanying Petition to Make Special  
applicants declare as follows:

1. We are the applicants in the above-identified patent application.
2. The invention of the above application will materially enhance the quality of the environment of human kind by contributing to the restoration or maintenance of the basic life-sustaining natural elements of air and water in the manner described below.
3. Specifically, the invention of the above application offers to make use power-station employing energy of the ocean waves as described in full detail on pages 3,4 of the specification.

4. We further declare that all statements made herein of our own knowledge are true and that all statements made upon information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application and any patent issuing therefrom.

Very respectfully

*Boris Konstantinovskiy*

Boris Konstantinovskiy

*Tatyana Kc*

Tatyana Konstantinovskaya

125 Beach 19 St. Apt 5J

Far Rockaway, NY 11691

(718)471-9577

### Preliminary Account of Invention.

Kinetic energy of water comes out in result of turn of potential energy of the water at the top into kinetic energy of the water in the bottom.

If the  $5 \text{ m}^3/\text{sec}$  of the water falls from height 15m energy will be:  $E=mg(h_1-h_2)$

Now We have to solve a task:

|                              |   |
|------------------------------|---|
| $V=5 \text{ m}^3/\text{sec}$ | $E=mg(h_1-h_2)$   |
| $h_1=15\text{m}$             | $m=pV= 10^3 \times 5 = 5000 \text{ kg/sec}$                             |
| $h_2=0\text{m}$              | $E= 5000 \times 10 \times (15-0) = 750000 \text{ J/sec} =$              |
| $p=10^3 \text{ kg/m}^3$      | $= 750000 \text{ Watt} = 750 \text{ kw}$                                |
| $E=?$                        | $750 \text{ kw} \times 24 \times 365 = 6570000 \text{ kWh energy/year}$ |

In order to raise water on the top We have to make special wave's pumps, as described in the above invention.

Preliminary Account of the wave's pump:

Diameter of cylinder 1.5 m, Square of cylinder=  $1.76 \text{ m}^2$   
 If piston raises only 0.5 m, V of water =  $0.88 \text{ m}^3$

In order to raise  $5 \text{ m}^3$  We need to have about 6 cylinders.

We have to make 10 cylinders

In order to raise water on the height 15 m We need to make weight of the piston and ballast about 27000kg.

The float must have diameter about 6 m.